

Geometridae of Turkey 7. Additions and corrections to the provisional list of Geometridae of Turkey (Lepidoptera: Geometridae)

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Abstract. In this paper 79 additional Geometrid species, together with a few corrections to the provisional list of the Geometridae of Turkey, are given.

Samenvatting. Geometridae uit Turkije 7. Aanvullingen en verbeteringen aan de voorlopige lijst van Geometridae uit Turkije.

In dit artikel worden 79 soorten toegevoegd aan de voorlopige lijst van Geometridae uit Turkije. Bovendien worden enkele verbeteringen aangebracht.

Résumé. Geometridae de Turquie 7. Additions et corrections à la liste provisoire des Geometridae de Turquie.

Avec cet article 79 espèces sont ajoutées à la liste provisoire des Geometridae de la Turquie. En outre, quelques corrections sont faites.

Key words: Provisional list – Geometridae – faunistics – Turkey.

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Introduction

After the publication of the provisional list of Geometridae of Turkey (Riemis 1994), a lot of useful information was received, a. o. recent faunistic data became available through captures by colleagues. I also came across some papers –including some earlier published, but overlooked literature– mentioning more Geometrid species for the Turkish fauna. During collecting trips I discovered several new Geometridae species for Turkey. In this case full data are given under "remarks". All these species are deposited in my collection and/or in the Zoological Museum Amsterdam. All these investigations result in the following list of 79 species to be added to the list of Turkish Geometridae. Due to changes in nomenclature the actual name for 7 species is given, and 1 species has to be removed from the list. This brings the total number of Turkish Geometridae known thus far to 546.

List of species

Alsophilinae

<i>Alsophila aescularia</i> Denis & Schiffermüller (<i>Myinodes interpunctaria</i> Herrich-Schäffer)	Koçak (1991) To be replaced by next species (Hausmann 1994b)
<i>Myinodes shohami</i> Hausmann	Hausmann (1994b)

Geometrinae

<i>Culpina prouti</i> Thierry-Mieg	Remark 1.
<i>Thetidea persica</i> Hausmann	Hausmann (1996)
<i>Xenochlorodes olympiaria</i> Herrich-Schäffer	Staudinger (1878)

Sterrhinae

<i>Idaea allongata</i> Staudinger (<i>Idaea circuitaria</i> Hübner)	Staudinger & Rebel (1901) To be replaced by next species (Hausmann 1994a)
<i>Idaea mimosaria</i> Herrich-Schäffer	Hausmann (1994a)

Idaea tineata Thierry-Mieg
Idaea palaestinensis Sterneck
Idaea obsoletaria Rambur
Idaea subpurpurata Staudinger
Idaea albitorquata Püngeler
Idaea inclinata Lederer
Limera marsaria Staudinger
Scopula ochraceata Staudinger
(*Glossotrophia asellaria* Staudinger)

Glossotrophia semitata Prout
Cleta filacearia Herrich-Schäffer
Casilda rosearia Treitschke

Larentiinae

Ochodontia adustaria Fischer von Waldheim
(*Scotopteryx octodurensis* Favre)

Scotopteryx aelptes Prout
Scotopteryx diana Riemis
Scotopteryx nebulata Bang-Haas
Xanthorhoe inconsiderata Staudinger
Xanthorhoe oxybiata Millièr
Xanthorhoe biriviata Borkhausen
(*Catorhoe cupreata* Herrich-Schäffer)

Catorhoe hortulanaria Staudinger
Camptogramma gricescens Staudinger
Entephria cyanata Hübner

Eulithis prunata Linnaeus
Eulithis pyraliata Denis & Schifferrmüller
Ecliptopera silaceata Denis & Schifferrmüller
Chloroclysta guriata Emich
Chloroclysta miata Linnaeus
Chloroclysta citrata Linnaeus
Colostyia aptata Hübner
Colostyia pectinataria Koch
Colostyia corydalaria Graeser
(*Rheumaptera montivagata* Duponchel)

Rheumaptera caucasica Müller & Viidalepp
Triphosia taochata Lederer
Euphyia chalusata Wiltshire
Epirrita dilutata Denis & Schifferrmüller
Operophtera brumata Linnaeus
Perizoma hydratum Treitschke
Perizoma lugdunarium Herrich-Schäffer
Perizoma verberatum Scopoli
Eupithecia dissertata Püngeler
Eupithecia intricata Zetterstedt

Wehrli (1931), Hausmann (1995)
Hausmann (1995)
Lederer (1865), Staudinger (1878)
Staudinger & Rebel (1901)
de Lattin (1951)
Hausmann (1995)
Viidalepp (1996)
Müller (1996)
To be replaced by next species
(Hausmann 1993)
Hausmann (1993)
Staudinger (1878), Rebel (1917)
Müller (1996)

Schwingenschuss (1939b)
To be replaced by next species
(Viidalepp 1996)
Viidalepp (1996)
Riemis (1997)
Bang-Haas (1907)
Wehrli (1934)
de Lattin (1951)
Remark 2
To be replaced by next species
(Hausmann 1995)
Hausmann (1995)
Remark 3
de Lattin (1951 – as *Cidaria altivolans* Wehrli)
Culot (1917)
Mann (1862), Staudinger (1878)
Remark 3
Viidalepp (1996)
Viidalepp (1996)
Remark 4
Remark 5
Remark 18
Okyar & Aktaş (1997)
To be replaced by next species
(Viidalepp 1996)
Viidalepp (1996)
Viidalepp (1996)
Koçak (1990)
Müller (1996)
Müller (1996)
Remark 6
Remark 7
Remark 8
Remark 9
Schwingenschuss (1938a)

<i>Eupithecia subfenestrata</i> Staudinger	Remark 10
<i>Eupithecia orphnata</i> Peterson	Remark 11
<i>Eupithecia dubiosata</i> Wagner	Wagner (1929)
<i>Aplocera simpliciatra</i> Treitschke	de Lattin (1951)
<i>Aplocera fraudulentata</i> Herrich-Schäffer	Mann (1862), Staudinger (1878)
<i>Aplocera opificata</i> Lederer	Zukowsky (1937)
<i>Lithostege infuscatra</i> Eversmann	Viidalepp (1996)
<i>Lithostege coassata</i> Hübner	Viidalepp (1996)
<i>Lithostege bosporaria</i> Herrich-Schäffer	Wagner (1931)
<i>Lithostege ancyana</i> Prout	Viidalepp (1996)
<i>Venusia cambrica</i> Curtis	Viidalepp (1996)

Boarmiinae

<i>Abraxas grossulariata</i> Linnaeus	Remark 12
<i>Semiothisa syriacata</i> Staudinger	Wehrli (1934)
<i>(Itame) vincularia</i> Hübner	To be deleted (included in the list by mistake).
<i>Nychiodes dalmatina</i> Wagner	Müller (1996)
<i>Menophra trypanaria</i> Wiltshire	Riemis (1995)
<i>Megalycinia scalaria</i> Christoph	Remark 13
<i>Phaselia joestleinae</i> Hausmann	Hausmann (1996)
<i>Phaselia narynaria</i> Oberthür	Remark 14
<i>Phaselia kaysi</i> Wiltshire	Remark 13
<i>Phaselia deliciosaria</i> Lederer	Seitz (1954)
<i>Fagivorina arenaria</i> Hufnagel	Remark 19
<i>Apocheima pilosaria</i> Hübner	Müller (1996)
<i>Lycia graecarius</i> Staudinger	Remark 13
<i>Zamacra diaphanaria</i> Püngeler	Wehrli (1936)
<i>Chemerina caliginearia</i> Rambur	Müller (1996)
<i>Epione rependaria</i> Hufnagel	de Lattin (1951)
<i>Ennomos quercaria</i> Hübner	Staudinger (1878)
<i>Artiaria evonymaria</i> Herrich-Schäffer	Remark 13
<i>Odontopera graecarius</i> Bang-Haas	Remark 2
<i>(Ourapteryx) persica</i> Ménétriés	To be replaced by next species (Inoue 1993)
<i>Ourapteryx falciformis</i> Inoue	Inoue (1993)
<i>Odontognophos dumetata</i> Treitschke	Remark 15
<i>Gnophos furvata</i> Denis & Schiffermüller	Remark 16
<i>Dicragnophos amanensis</i> Wehrli	Wehrli (1934)
<i>Charissa talyshensis</i> Wehrli	Remark 4b
<i>Kemtrognophos mardinaria</i> Staudinger	Staudinger & Rebel (1901)
<i>Eucrognophos dubitarius</i> Staudinger	Viidalepp (1996)
<i>Eucrognophos symnicta</i> Wehrli	Remark 4b
<i>Cnestrognophos libanotica</i> Wehrli	Remark 17
<i>Dyscia conspersaria</i> Denis & Schiffermüller	Wagner (1931)

Remarks

1. Alanya, September 1988. A.Legrain, pers. comm.
2. Rize, 10 km S.E. of İkizdere, 1300–1400m, 29.V.1995.
3. Nevşehir, 10 km N. of Gülşehir, 1200 m, 7.VI.1990.
- 4a. Rize, Ovitdağı Geçidi, W. side, 2500–2700 m, 22.VII.1993.

- 4b. Artvin, Kaçkar Dağları, 30 km S.W. of Sarigöl, 2000 m, 5.VIII.1993.
5. Kars, Camlıçatak, 11 km E. of Ardahan, 2100 m, 8.VIII.1993.
6. Artvin, Kaçkar Dağları, 24 km W. of Sarigöl, 1900 m, 20.VII.1993.
7. Ardahan, 3 km E. of Posof, 1450 m, 9.VIII.1996.
8. Ardahan, Ilgardağı Geçidi, 18 km S. of Posof, 2500 m, 9.VIII.1996.
9. Ilgaz & Göreme, Gelbrecht, pers. comm.
10. Artvin, Kaçkar Dağları, 1995. Gelbrecht, pers. comm.
11. Taurus 1996. Gelbrecht, pers. comm.
12. Ardahan, 8 km S. of Posof, 2000 m, 9.VIII.1996.
13. Reported from Turkey. Gelbrecht, pers. comm.
14. Artvin, 12 km S.W. of Yusufeli, 750 m, 7/8.VI.1995.
15. Reported from Turkey. Viidalepp, pers. comm.
16. Niğde, Aladağ, 18 km S.E. of Camardı, 1800–2000 m, 6/11.VIII.1983.
17. Niğde, Aladağları, W. side, 1900 m, 15 km S.E. of Camardı, Emli Boğazi, 31.VII.1995.
18. Antalya, env. Güzelbag, 500 m, 7.X.1997.
19. Env. Kizilcahamam, 1995–1997. Lehmann, pers. comm.

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